

In the Claims

Please **SUBSTITUTE** the following amended claims for the pending claims with the same number (a marked up copy of the prior pending claim with all changes shown is supplied in the appendix):

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1. (Once Amended) The portable computer as recited in claim 25 further comprising:
an LCD display;
an LCD housing configured to cover at least a portion of the LCD display;
a shock mount assembly configured to reduce impacts to the LCD display, and to position the LCD display relative to the LCD housing, the shock mount assembly including a plurality of shock mounts, which are attached to the LCD display, and which rest in a portion of the LCD housing.
2. (Once Amended) The portable computer as recited in claim 1 wherein the LCD housing includes a plurality of mounting holes, and wherein each of the plurality of shock mounts includes a resilient member having a first segment and a second segment, the first segment being larger than the second segment, the first segment being disposed between the LCD display and the LCD housing and the second segment being disposed inside one of the mounting holes.
3. (Once Amended) The portable computer as recited in claim 2 wherein the first segment fills a gap formed between the LCD display and LCD housing, and wherein the second segment fills the mounting hole of the LCD housing.
4. (Once Amended) The portable computer as recited in claim 3 wherein a distal end of the first segment abuts to a side of the LCD display, a proximal end of the first segment abuts to a side of the LCD housing, and an outer periphery of the second segment abuts to an inner periphery of the mounting hole of the LCD housing.
5. (Once Amended) The portable computer as recited in claim 1 wherein a first set of shock mounts are attached to a first side of the LCD display, and wherein a second set of shock mounts are attached to a second side of the LCD display, the second side being opposite the first side.

6. (Once Amended) The portable computer as recited in claim 1 wherein the shock mount assembly holds the LCD display in the X, Y and Z directions.

7. (Once Amended) The portable computer as recited in claim 1 wherein the LCD display includes an LCD panel and an LCD frame, the LCD frame being attached to the LCD panel and defining the side of the LCD display, and wherein the LCD housing includes a wall that is positioned substantially next to the side of the LCD display so as to form a gap therebetween.

8. (Once Amended) The portable computer as recited in claim 7 wherein the LCD housing wall includes a plurality of mounting holes, and wherein each of the plurality of shock mounts includes a resilient member having a first segment and a second segment, the first segment being larger than the second segment, the first segment being disposed between the LCD display and the LCD housing and the second segment being disposed inside one of the mounting holes.

9. (Once Amended) The portable computer as recited in claim 8 wherein a distal end of the first segment abuts to a side of the LCD frame, a proximal end of the first segment abuts to a side of the wall of the LCD housing, and an outer periphery of the second segment abuts to an inner periphery of the mounting hole of the wall of the LCD housing.

10. (Once Amended) The portable computer as recited in claim 9 wherein the shock mounts include a fastener for attaching the resilient member to the LCD frame.

11. (Once Amended) The portable computer as recited in claim 10 wherein the fastener is a screw.

12. (Once Amended) The portable computer as recited in claim 25 wherein the casing and chassis are structural members that help form an enclosure of the base, the portable computer further comprising:

a shock mount assembly configured to reduce impacts to the optical disc drive, and to position the optical disc drive relative to the structural member, the shock mount assembly including a plurality of shock mounts, which are attached to the structural components of the optical disc drive, and which rest in a portion of the structural member.

13. (Once Amended) The portable computer as recited in claim 12 wherein the structural member includes a plurality of mounting holes, and wherein each of the plurality of shock mounts includes a resilient member having a first segment and a second segment, the first segment being larger than the second segment, the first segment being disposed between the structural component of the optical disc drive and the structural member and the second segment being disposed inside one of the mounting holes.

14. (Once Amended) The portable computer as recited in claim 13 wherein the first segment fills a gap formed between the structural component of the optical disc drive and the structural member, and wherein the second segment fills the mounting hole of the structural member.

16. (Once Amended) The portable computer as recited in claim 12 wherein a first set of shock mounts are attached to a first side of the structural component of the optical disc drive, and wherein a second set of shock mounts are attached to a second side of the structural component of the optical disc drive, the second side being opposite the first side.

17. (Once Amended) The portable computer as recited in claim 12 wherein the shock mount assembly holds the optical disc drive in the X, Y and Z directions.

18. (Once Amended) The portable computer as recited in claim 12 wherein the structural member is a portion of the casing that houses the internal components of the portable computer and a portion of the chassis used to support the casing, and wherein the structural component of the optical disc drive includes a plurality of tabs that are positioned substantially next to a side of the casing and/or the chassis so as to form a gap therebetween.

19. (Once Amended) The portable computer as recited in claim 18 wherein the casing and/or chassis includes a plurality of mounting holes, and wherein each of the plurality of shock mounts includes a resilient member having a first segment and a second segment, the first segment being larger than the second segment, the first segment being disposed between the tab of the structural component and the side of the casing or chassis and the second segment being disposed inside one of the mounting holes of the casing or chassis.

20. (Once Amended) The portable computer as recited in claim 19 wherein a distal end of the first segment abuts to a side of the tab, a proximal end of the first segment abuts to a side of

the casing or chassis, and an outer periphery of the second segment abuts to an inner periphery of the mounting hole of the casing or chassis.

23. (Once Amended) The portable computer as recited in claim 12 wherein the optical disc drive is a CD/DVD drive

29. (Once Amended) The portable computer as recited in claim 25 further comprising a thin flexible boot configured to surround at least a portion of the enclosureless optical disc drive so as to prevent particles from reaching the drive components.

30. (Once Amended) The portable computer as recited in claim 25 wherein the frame component includes a bottom plate and a top plate, the top plate being attached to the bottom plate via a plurality of structural arms extending therebetween, the bottom plate being configured to support the drive components, and the top plate being configured in part to block laser light from emitting from the enclosureless optical disc drive.

31. (Once Amended) The portable computer as recited in claim 25 wherein the internal portions of the casing and chassis that form the enclosed region are configured to shield electronic emissions therein.

32. (Once Amended) The portable computer as recited in claim 25 wherein the chassis is disposed within the portable computer enclosure.

33. (Once Amended) The portable computer as recited in claim 25 wherein the enclosed region shields the enclosureless optical disc drive from dust.

34. (Once Amended) The portable computer as recited in claim 25 wherein the enclosed region shields laser emissions.

35. (Once Amended) The portable computer as recited in claim 25 wherein the optical disc drive is a CD/DVD drive.

36. (Once Amended) The portable computer as recited in claim 35 wherein the CD/DVD drive is a slot loaded CD/DVD drive.

37. (Once Amended) The portable computer as recited in claim 25 wherein the casing and chassis are structural members that help form an enclosure of the base, the portable computer further comprising:

a heat producing element disposed inside the base; and

a heat exchanger configured to thermally couple the heat producing element to one of the structural members of the enclosure,

whereby the heat from the heat producing element is spread throughout the structural member via the heat exchanger.

38. (Once Amended) The portable computer as recited in claim 37 wherein the structural member is a wall of the casing.

39. (Once Amended) The portable computer as recited in claim 38 wherein the wall of the casing is formed from a thermally conductive material.

40. (Once Amended) The portable computer as recited in claim 39 wherein the wall of the casing is formed from a metallic material.

41. (Once Amended) The portable computer as recited in claim 40 wherein the wall of the casing is formed from sheet metal.

42. (Once Amended) The portable computer as recited in claim 41 wherein the wall of the casing is formed from titanium sheet metal.

43. (Once Amended) The portable computer as recited in claim 37 wherein the structural member is the chassis.

44. (Once Amended) The portable computer as recited in claim 43 wherein the chassis is formed from a thermally conductive material.

45. (Once Amended) The portable computer as recited in claim 44 wherein the chassis is formed from a plastic material.

46. (Once Amended) The portable computer as recited in claim 45 wherein the chassis is formed from carbon fiber filled plastic.

47. (Once Amended) The portable computer as recited in claim 37 wherein the heat producing element is a computer chip.

48. (Once Amended) The portable computer as recited in claim 47 wherein the computer chip is selected from the group consisting essentially of a processor chip, graphics chip, cache chip or a bridge chip.

49. (Once Amended) The portable computer as recited in claim 37 wherein the heat exchanger comprises a heat sink that is thermally coupled to the heat producing element.

50. (Once Amended) The portable computer as recited in claim 49 wherein the heat sink includes a first side having a planar surface in thermal contact with the heat producing element, and a second side having plurality of heat dissipating fins extending therefrom.

51. (Once Amended) The portable computer as recited in claim 49 wherein the heat sink is positioned adjacent to the structural member so as to create a thermal path between the heat producing element and the structural member.

52. (Once Amended) The portable computer as recited in claim 49 wherein the heat sink is that is thermally coupled to the structural member so as to create a thermal path between the heat producing element and the structural member.

53. (Once Amended) The portable computer as recited in claim 49 wherein the heat sink is integrated into the structural member so as to create a direct thermal path between the heat producing element and the structural member.

54. (Once Amended) The portable computer as recited in claim 49 wherein the heat exchanger further comprises a heat pipe that is thermally coupled to the heat sink and the structural member, the heat pipe being adapted to transfer heat from the heat sink to the structural member.

55. (Once Amended) The portable computer as recited in claim 54 wherein the heat pipe is permanently attached to the heat sink and the structural member.

56. (Once Amended) The portable computer as recited in claim 54 wherein the heat sink includes a heat pipe receiving portion extending through the heat sink, and wherein a portion of the heat pipe is disposed within the heat pipe receiving portion.

57. (Once Amended) The portable computer as recited in claim 56 wherein the heat sink includes a first side having a planar surface in thermal contact with the heat producing element, and a second side having plurality of heat dissipating fins extending therefrom, and wherein the heat pipe receiving portion is disposed between the first and second sides.

58. (Once Amended) The portable computer as recited in claim 54 wherein the heat exchanger further comprises a fan unit for generating a flow of air, and wherein the heat sink is positioned proximate the airflow region such that the flow of air passes over the heat sink.

59. (Once Amended) The portable computer as recited in claim 37 wherein a plurality of heat producing elements are disposed inside the enclosure of the portable computer, and wherein the heat exchanger comprises a plurality of heat sinks and a heat pipe, the heat pipe being arranged to thermally couple each of the heat sinks to the structural member, each of the plurality of heat sinks being thermally coupled to one of the plurality of heat producing elements, whereby the heat from each of the heat producing elements is dissipated in part through the heat sink, and in part through the structural member via the heat sink and heat pipe combination.